

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121219\
 Data File : VX013982.D
 Acq On : 12 Dec 2019 17:55
 Operator : JC/SP
 Sample : K6252-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20191209

Quant Time: Dec 13 04:20:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

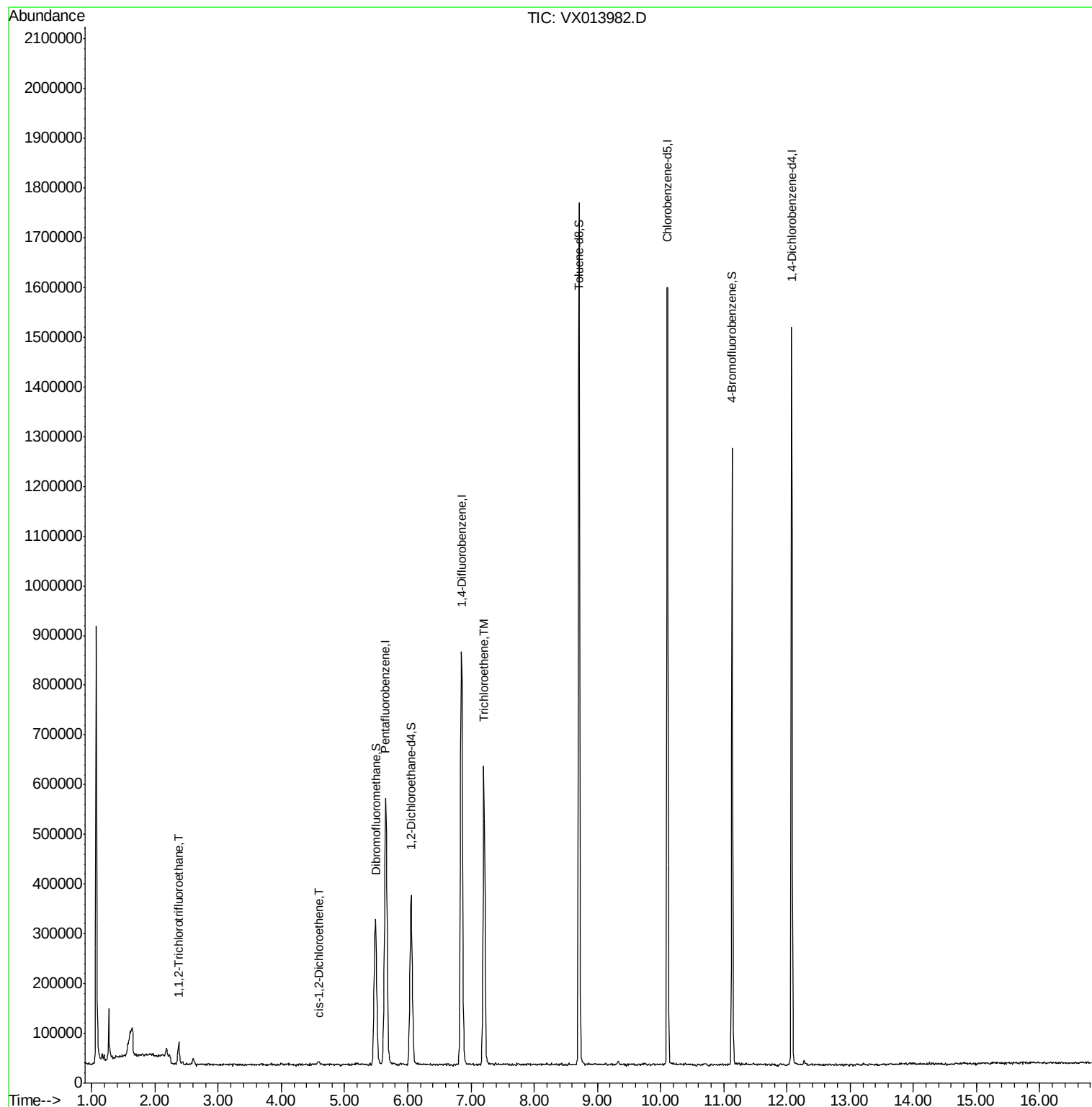
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	562552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	865686	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	764662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	313295	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	314737	48.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.40%	
35) Dibromofluoromethane	5.49	113	254396	47.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.06%	
50) Toluene-d8	8.71	98	1022452	49.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.08%	
62) 4-Bromofluorobenzene	11.13	95	325266	43.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.52%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	17166	3.201	ug/l	89
27) cis-1,2-Dichloroethene	4.58	96	4734	0.707	ug/l	80
44) Trichloroethene	7.20	130	247277	37.646	ug/l	97

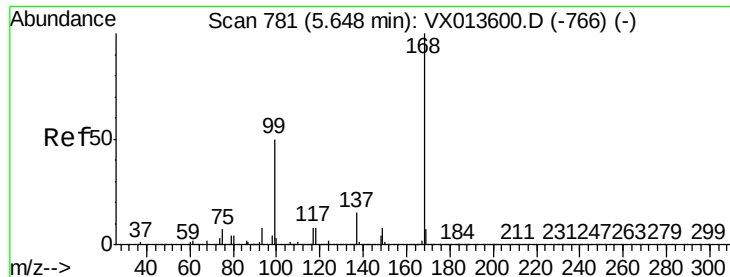
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX013982.D

Acq: 12 Dec 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

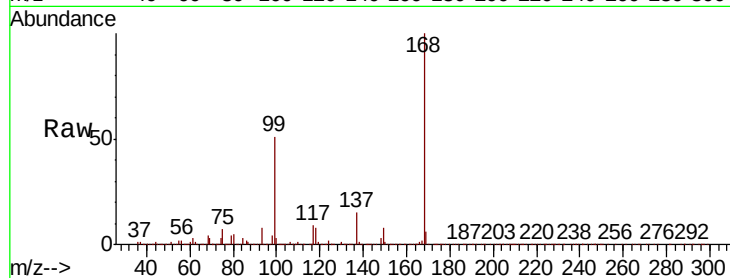
RE132D3-20191209

Tot Ion:168 Resp: 562552

Ion Ratio Lower Upper

168 100

99 50.8 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

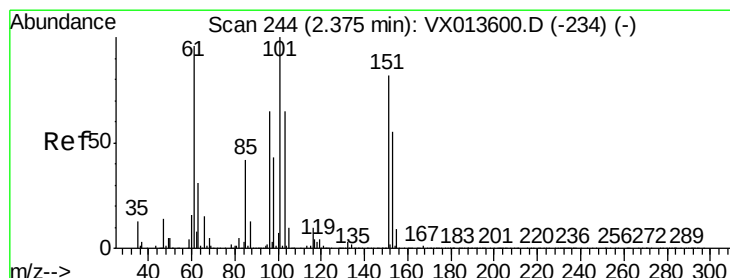
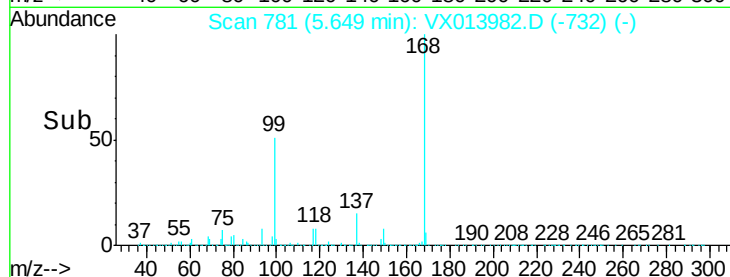
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.201 ug/l

RT: 2.37 min Scan# 243

Delta R.T. -0.01 min

Lab File: VX013982.D

Acq: 12 Dec 2019 17:55

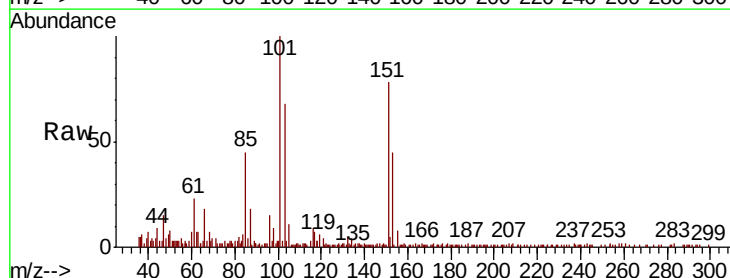
Tgt Ion:101 Resp: 17166

Ion Ratio Lower Upper

101 100

85 46.3 33.9 50.9

151 92.1 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

12000

10000

8000

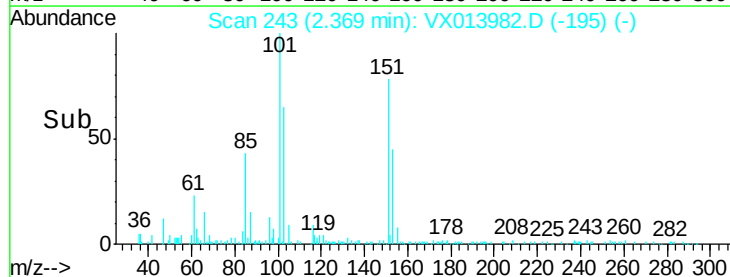
6000

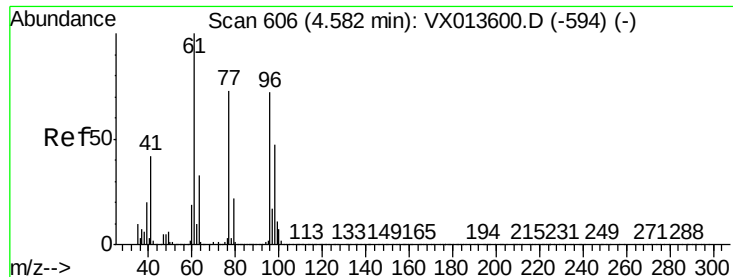
4000

2000

0

Time-->



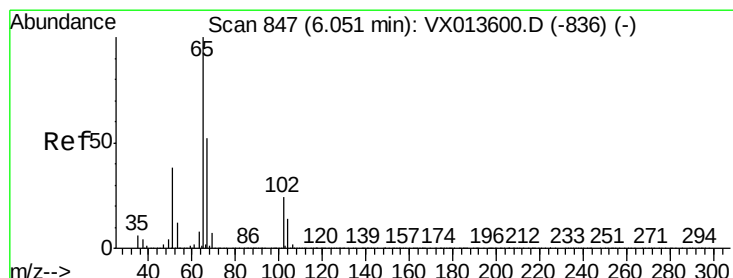
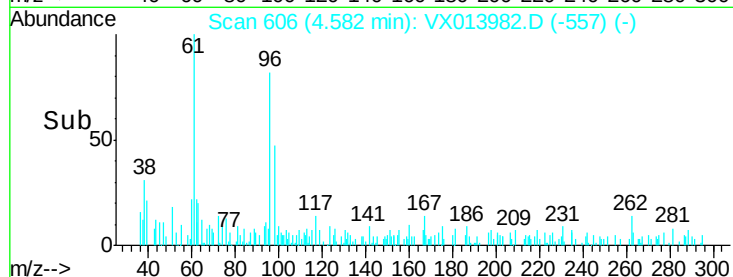
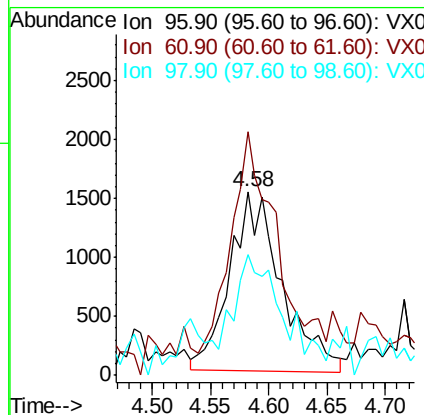
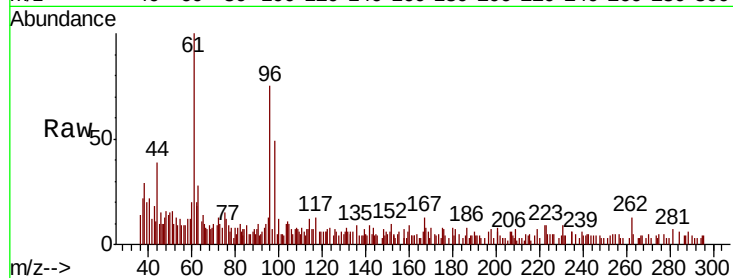


#27

cis-1,2-Dichloroethene
 Concen: 0.707 ug/l
 RT: 4.58 min Scan# 606
 Delta R.T. 0.00 min
 Lab File: VX013982.D
 Acq: 12 Dec 2019 17:55

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20191209

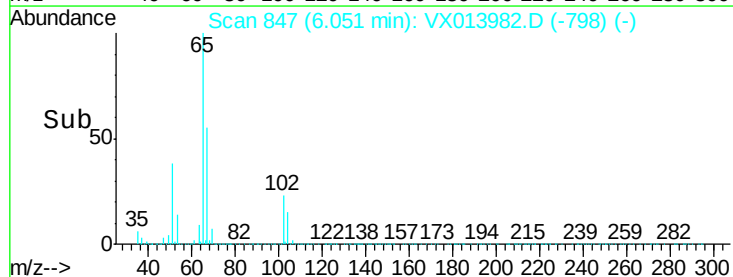
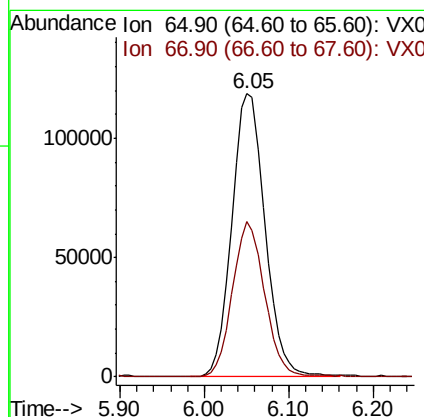
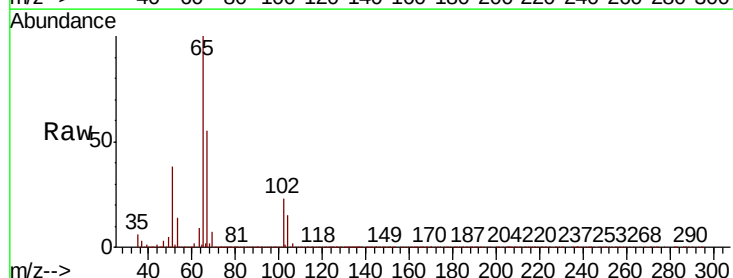
Tot Ion: 96 Resp: 4734
 Ion Ratio Lower Upper
 96 100
 61 117.1 0.0 286.4
 98 50.5 0.0 127.4

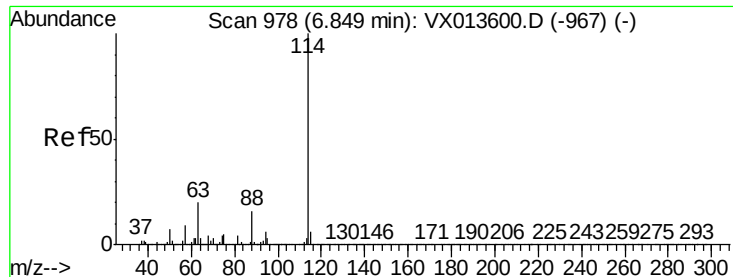


#33

1,2-Dichloroethane-d4
 Concen: 48.199 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX013982.D
 Acq: 12 Dec 2019 17:55

Tgt Ion: 65 Resp: 314737
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 104.4

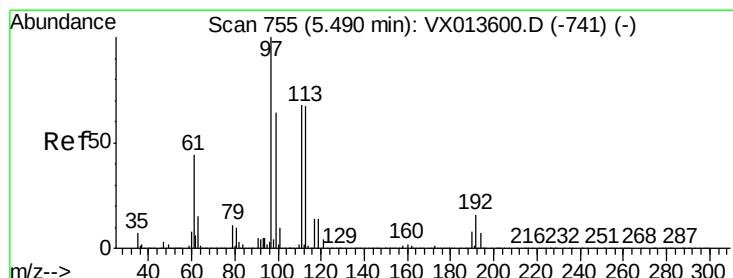
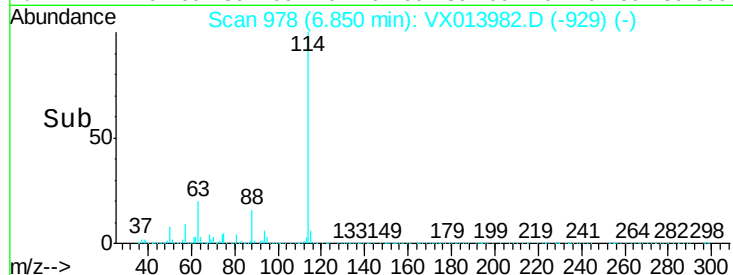
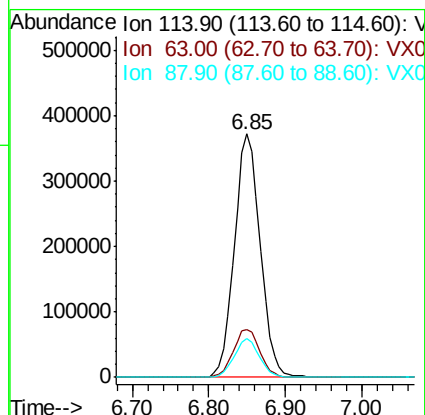
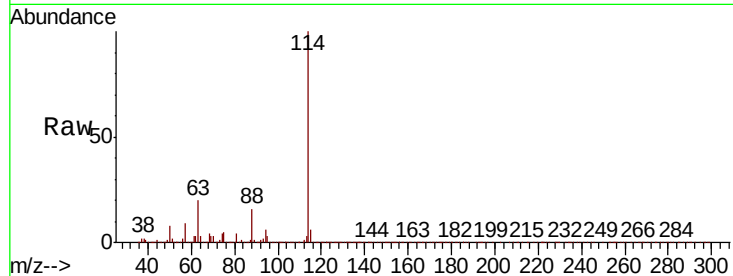




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013982.D
 Acq: 12 Dec 2019 17:55

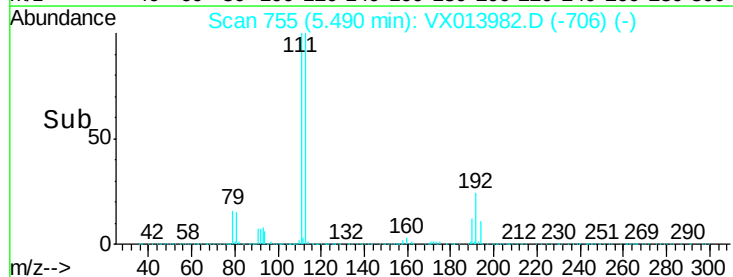
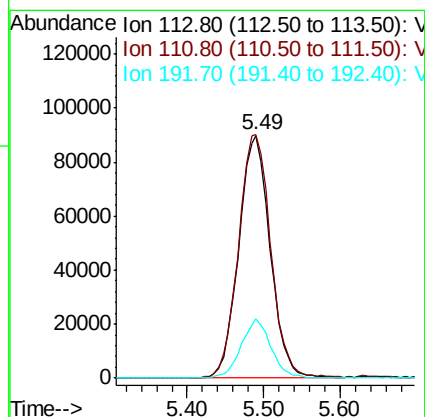
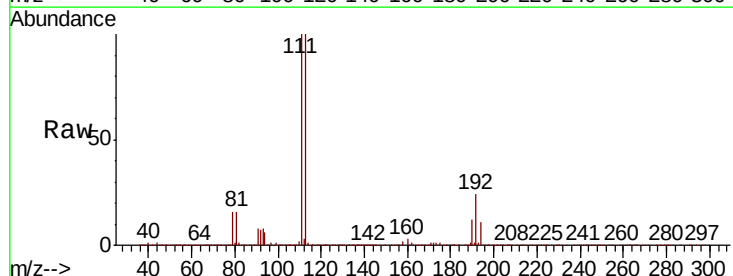
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20191209

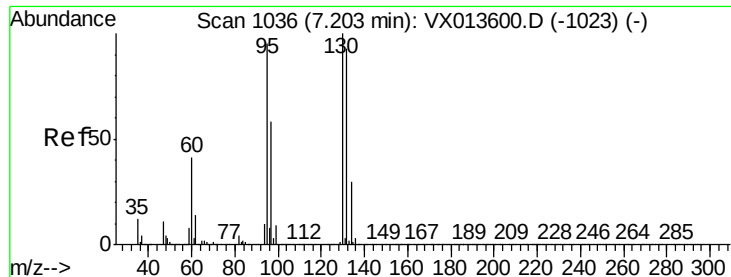
Tot Ion	Ratio	Lower	Upper
114	100		
63	19.4	0.0	39.6
88	15.7	0.0	31.4



#35
 Dibromofluoromethane
 Concen: 47.535 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX013982.D
 Acq: 12 Dec 2019 17:55

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.8	83.6	125.4
192	22.9	19.2	28.8





#44

Trichloroethene

Concen: 37.646 ug/l

RT: 7.20 min Scan# 1036

Delta R.T. 0.00 min

Lab File: VX013982.D

Acq: 12 Dec 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

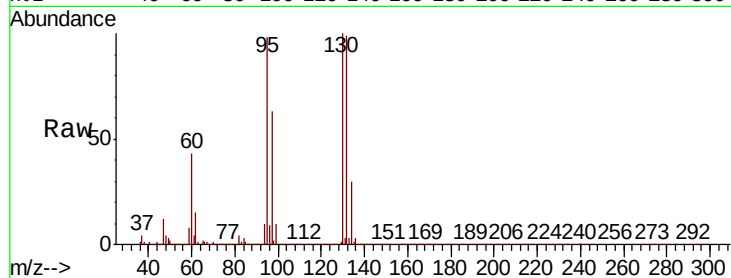
RE132D3-20191209

Tot Ion:130 Resp: 247277

Ion Ratio Lower Upper

130 100

95 98.0 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.20

120000

100000

80000

60000

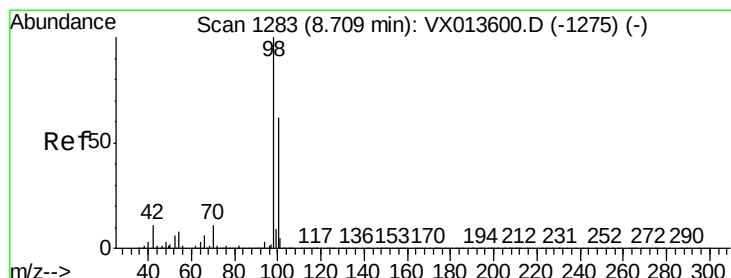
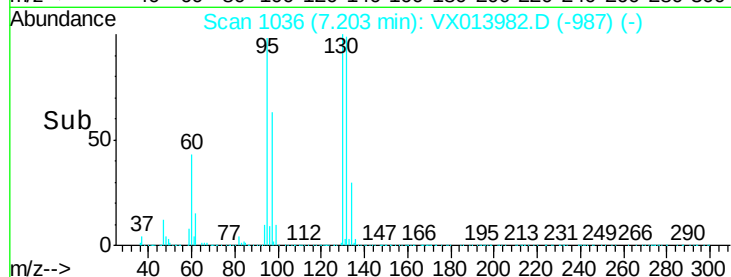
40000

20000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 49.036 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013982.D

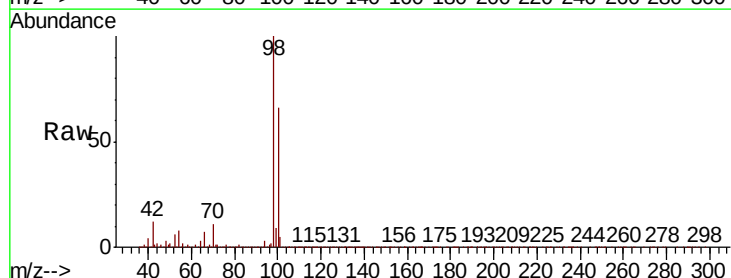
Acq: 12 Dec 2019 17:55

Tgt Ion: 98 Resp: 1022452

Ion Ratio Lower Upper

98 100

100 65.7 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

600000

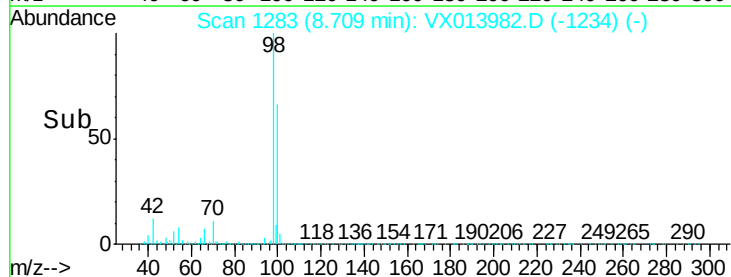
400000

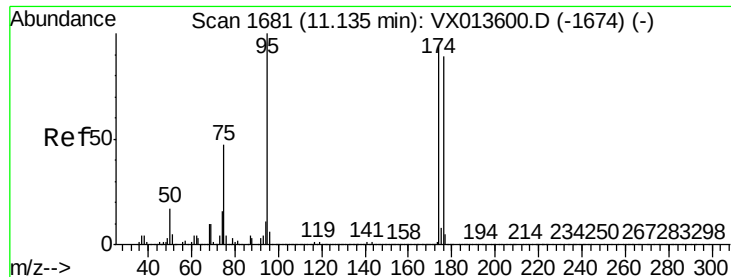
200000

0

Time-->

8.60 8.70 8.80

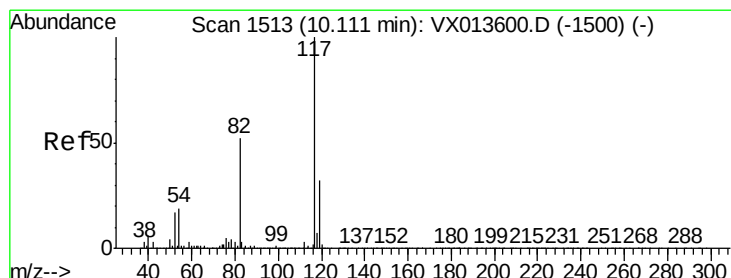
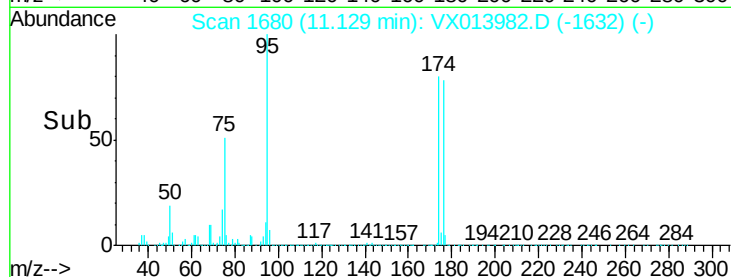
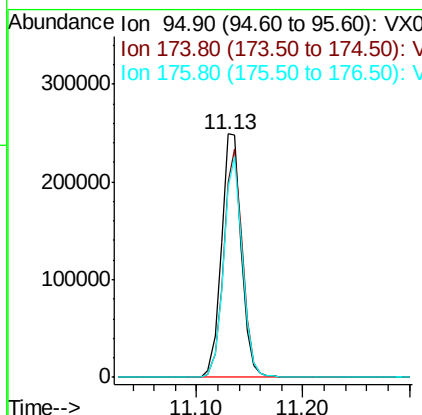
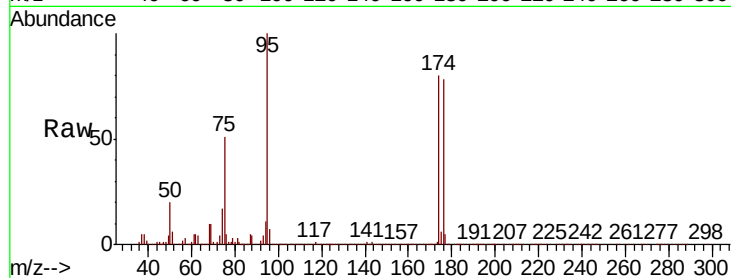




#62
4-Bromofluorobenzene
Concen: 43.259 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX013982.D
Acq: 12 Dec 2019 17:55

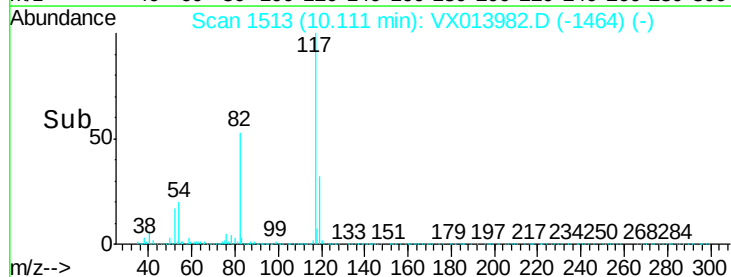
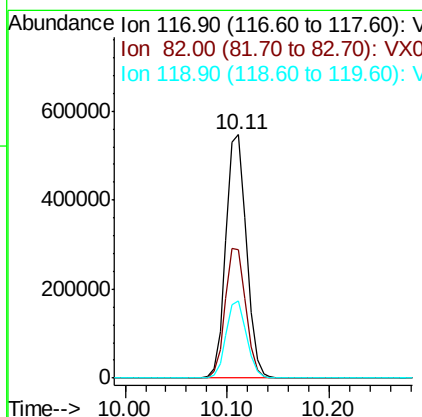
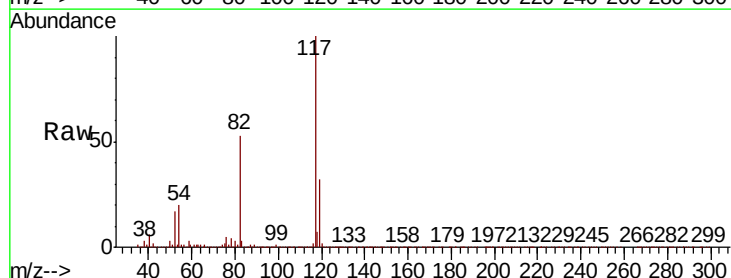
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20191209

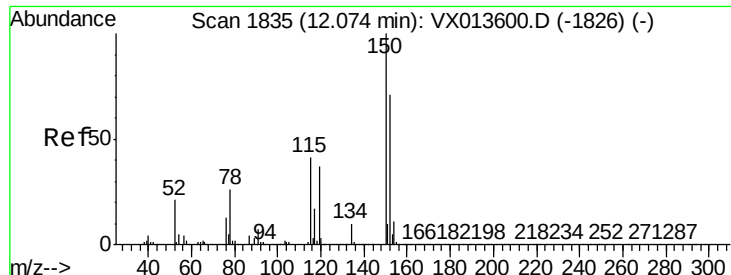
Tot Ion: 95 Resp: 325266
Ion Ratio Lower Upper
95 100
174 88.8 0.0 180.0
176 85.2 0.0 173.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX013982.D
Acq: 12 Dec 2019 17:55

Tgt Ion: 117 Resp: 764662
Ion Ratio Lower Upper
117 100
82 52.8 41.8 62.8
119 32.0 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX013982.D

Acq: 12 Dec 2019 17:55

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20191209

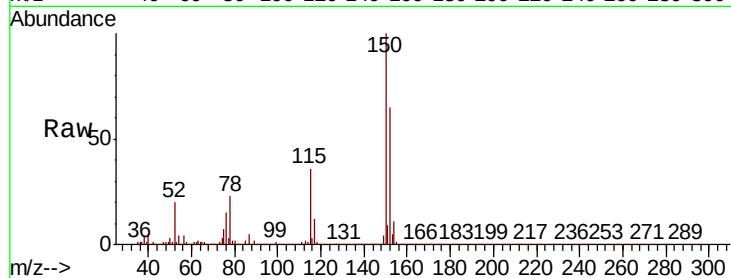
Tot Ion:152 Resp: 313295

Ion Ratio Lower Upper

152 100

115 55.4 38.4 115.1

150 156.4 0.0 346.8



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

